Index of Claims

09/04

Exam

Application No.

O9/047,676

Examiner

Tuan V Ho

Applicant(s)

KAGEYAMA ET AL.

Art Unit

2615

| √ | Rejected | _ | (Through numeral)<br>Cancelled |
|---|----------|---|--------------------------------|
| = | Allowed  | ÷ | Restricted                     |

| N | Non-Elected  | Α | Appeal   |
|---|--------------|---|----------|
| _ | Interference | 0 | Objected |

| Cla   | aim      |                      |              |          |  | Date   |   |           |         |        | Clai    | m        |             |           | D               | ate                |                              |                                   |       | CI    | aim        |          |           |          | C        | ate   | •             |              |   |          |
|-------|----------|----------------------|--------------|----------|--|--|---|-----------|---------|--------|---------|----------|-------------|-----------|-----------------|--------------------|------------------------------|-----------------------------------|-------|-------|------------|----------|-----------|----------|----------|---|---------------|--------------|---|----------|
| _     | ल        | ١,                   |              |          |  |  |   |           |         |        | _       | न्त      |             |           |                 |                    |                              |                                   |       | _     | च          |          |           |          | - 1      |   |               |              | -   |          |
| Final | Original | 200                  | 1            |          |  | H  |   |           |         |        | Final   | Original |             |           |                 |                    |                              |                                   |       | Finaî | Original   |          |           | -        | - 1      |   | - 1           |              |   |          |
| III.  | ō        | ما                   | ł            |          |  |  |   |           |         |        | II      | ō        |             |           |                 |                    |                              |                                   |       | iI.   | Ö          |          |           |          |          |   |               |              |   | Į        |
| L     |          |                      | 1            |          | ┡  | $\vdash$   | +   | +         | +       |        | <b></b> |          | - -         | -         | _               | +                  | +                            |                                   |       |       |            |          |           | _        | _        | _   | _             | 4            | $\bot$  | 4        |
|       | 1        | ├—                   | -            | _        | <del> </del> —                                   | -  | +   | +         | +       |        | -       | 51<br>52 |             |           |                 |                    | ++                           |                                   |       |       | 101        | -        | $\dashv$  | $\dashv$ |          | _   | $\dashv$      | _            | +   | 4        |
|       | 3        | -                    | <del> </del> | -        | ┼—   | ╁  | +   | +         |         |        |         | 53       | -           | Н         | -               | +                  |                              |                                   |       |       | 102<br>103 |          | -         | -        | -        | -+  | $\dashv$      | -            |   | 4        |
|       | 4        |                      |              | -        | $\vdash$   | <del>   </del>   | $\dashv$  | ┿         | +       | ł      |         | 54       |             | $\vdash$  | $\dashv$        | +                  | ╅╾╅                          | +                                 |       | _     | 103        |          | -         | ᅱ        | -        | $\dashv$  | $\dashv$      | +            | +   | 4        |
|       | 5        | ┼                    |              |          | <del>                                     </del> | $\vdash$   | $\dashv$  | +         |         | 10,    |         | 55       | +           | Н         | +               | +                  | ++                           | -                                 | 11    |       | 105        | Н        | $\dashv$  | $\dashv$ | $\dashv$ | $\dashv$  | $\dashv$      | +            | +   | $\dashv$ |
|       | 6        | 1-                   | ╁            | _        | -  | $\vdash$   | 十   | ╅         | +       |        |         | 56       | +           | $\Box$    | $\dashv$        | +                  | +-+                          | +                                 |       | _     | 106        |          | +         | ᅱ        | -        | $\dashv$  | $\dashv$      | +            |   | ┥        |
|       | 7        | $\vdash$             |              |          |  |  | 十   | $\top$    | $\top$  |        |         | 57       | 1           |           | $\dashv$        | +                  | ++                           | +                                 |       | _     | 107        | Н        | 十         | -        | _        | ┪   | $\dashv$      | +            | +   | ᅱ        |
|       | 8        | $\vdash$             | T            | _        | _  |  | $\top$  | $\top$    | _       |        |         | 58       | $\top$      |           | $\dashv$        | 十                  | 1 1                          | 1                                 |       |       | 108        |          | $\dashv$  | ┪        | $\dashv$ | _   | $\dashv$      | $\dashv$     | +   | ٦        |
|       | 9        | Т                    | T            |          |  | П  | $\top$  | 十         | 1       |        |         | 59       |             |           | $\neg$          | 十                  |                              |                                   |       |       | 109        |          |           | 7        | ┪        | 寸   |               | 寸            | $\top$  | ٦        |
|       | 10       |                      |              |          |  |  |   |           |         |        |         | 60       |             |           | $\neg$          | T                  |                              |                                   |       |       | 110        | П        | $\exists$ | 寸        | ヿ        |   |               | $\dashv$     | $\top$  | ┪        |
|       | 11       | V                    |              |          |  |  |   | T         |         |        |         | 61       | _           |           | Ì               |                    |                              |                                   |       |       | 111        | П        |           | $\neg$   | $\neg$   |   | $\neg$        | $\top$       | $\top$  | ٦        |
|       | 12       |                      |              |          |  |  |   |           |         |        |         | 62       |             |           |                 | floor              |                              |                                   |       |       | 112        |          |           |          |          |   | $\Box$        |              |   | 7        |
|       | 13       | Ш                    |              |          | سَـــــــــــــــــــــــــــــــــــــ          |  | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{\Box}}}$ |           |         |        |         | 63       |             | $\Box$    |                 | $oldsymbol{\perp}$ |                              |                                   |       |       | 113        |          |           |          |          |   |               |              |   |          |
|       | 14       | $\perp \!\!\! \perp$ |              |          |  | П  | $\perp$   | $\perp$   |         |        |         | 64       |             | Ш         | $\Box$          |                    | $oldsymbol{oldsymbol{\Box}}$ | Ш                                 |       |       | 114        |          |           | $\Box$   |          | $\Box$  | $\Box$        |              |   |          |
|       | 15       | 1                    | _            | _        | <u></u>  | 1  | $\perp$   |           |         |        |         | 65       |             | Ш         |                 |                    | $\perp \perp$                | $\perp$                           |       |       | 115        |          | $\perp$   |          | $\Box$   | $\dashv$  |               | $\perp$      | $\perp$   | ╝        |
|       | 16       | Ш                    |              |          | <u> </u>   |  |   | _         | 4       |        |         | 66       | <del></del> | Ш         | _               |                    | $\perp \downarrow$           |                                   |       |       | 116        |          |           |          | _        |   |               | $\perp$      |   | ┙        |
|       | 17       | 1                    |              | _        | <u> </u>   | $\sqcup \downarrow$  | 4   |           | $\bot$  |        |         | 67       | _           | $\sqcup$  | _               |                    | $\perp \perp$                |                                   |       |       | 117        |          | _         | _        | _        | 4   | $\dashv$      |              |   | ┙        |
|       | 18       | ╨                    | _            | _        | _  | $\vdash$   | _   | _ -       |         |        |         | 68       | -           | ┦╌┦       | $\dashv$        | - -                |                              |                                   |       |       | 118        |          | _         | _        | _        | _   | $\rightarrow$ | $\dashv$     | _   | 4        |
|       | 19       | ₩                    | ┞            | _        | ├  | -  |   |           |         |        |         | 69       |             | $\vdash$  | -               |                    |                              |                                   |       |       | 119        |          | -         | -        |          | $\dashv$  | $\dashv$      | +            | +   | 4        |
|       | 20       | 1                    | -            | <u> </u> | ├-   | ╌  | -   | -         | -       |        |         | 70       | -           | $\vdash$  | $\dashv$        |                    | +                            | 44                                |       |       | 120        |          | 4         | -1       | -        | _   | _             | _            | +   | 4        |
|       | 21       | Н,                   |              |          | ┢  | $\vdash$   | +   | +         | +       | :::::: | -       | 71       | +           | $\vdash$  |                 | +                  | ++                           | +                                 |       |       | 121        |          | $\dashv$  | $\dashv$ | $\dashv$ | $\dashv$  | -             | $\dashv$     | +   | 4        |
|       | 22       | v                    | $\vdash$     | H        | ├  | $\vdash$   | +   | +         | +-      |        |         | 72<br>73 | +           | ┨         | $\dashv$        | +                  | ++-                          |                                   |       |       | 122        | $\vdash$ |           | -+       | $\dashv$ | -+  | -             | -            | +   | ↲        |
|       | 23<br>24 | $\vdash$             | $\vdash$     | -        | ┢  | $\vdash$   | +   |           | +-      |        |         | 74       | +           | $\vdash$  | +               | +                  | ++                           | $\dashv$                          |       |       | 123<br>124 | $\dashv$ | _         | -        |          | -+  | -             | -            | +   | ┨        |
|       | 25       | ┢                    |              |          | ┢  | $\vdash$   | ╬   | +         | -       |        |         | 75       | +           | $\vdash$  | +               |                    | ++                           | +                                 |       |       | 125        | $\vdash$ | $\dashv$  | $\dashv$ | $\dashv$ | $\dashv$  | -+            | +            | +   | ┨        |
|       | 26       | $\vdash$             | $\vdash$     |          | $\vdash$   | 1  | +   | +         | +       |        |         | 76       | +           | 1 1       | $\dashv$        |                    | ╅┼                           | $\dashv$                          |       |       | 126        | $\dashv$ | $\dashv$  | -+       | -+       | $\dashv$  | +             | +            | +   | ┨        |
|       | 27       |                      | $\vdash$     |          | T  | $\vdash$   | +   | +         |         |        |         | 77       | +           | H         | _               | +                  | + +                          | +                                 |       |       | 127        |          | $\dashv$  | +        | +        | -   | 十             | 十            | +   | ┨        |
|       | 28       |                      | H            |          | t  |  | $\dashv$  | $\top$    |         |        |         | 78       |             | $\dagger$ | $\dashv$        | +                  | +                            | $\top$                            |       |       | 128        |          | $\dashv$  | +        | _        | $\dashv$  | -             | +            |   | ┪        |
|       | 29       | $\vdash$             | П            |          | T  | $\Box$   | 十   | $\dagger$ | 1       |        |         | 79       | $\top$      |           | 十               | +                  | † †                          | $\top$                            |       |       | 129        |          | 十         | +        | $\dashv$ | $\dashv$  | +             | +            | +   | ┪        |
|       | 30       | 1                    | Ħ            |          | Ι  | $\Box$   | $\top$  | $\top$    | $\top$  |        |         | 80       |             | $\Box$    |                 | _                  | 11                           | $\top$                            |       |       | 130        | $\vdash$ | 十         |          | _        | T   | 十             | 7            | +   | ┨        |
|       | 31       | Π                    |              |          | П  | П  | 7   | 7         | $\top$  |        |         | 81       |             | П         | $\neg \uparrow$ |                    |                              |                                   |       |       | 131        |          |           |          | ヿ        |   | $\dashv$      | 寸            | $\top$  | 7        |
|       | 32       |                      |              |          | Γ  | П  | $\top$  |           | Т       |        |         | 82       |             |           |                 |                    |                              |                                   |       |       | 132        |          |           |          |          | T   | $\exists$     | T            | $\neg$  | ٦        |
|       | 33       |                      |              |          |  |  | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{\Box}}}$ |           |         |        |         | 83       |             |           |                 | Ι                  |                              |                                   |       |       | 133        |          |           |          | J        | ┚   |               | $\Box$       | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{\Box}}}$ | ]        |
|       | 34       |                      | $\Box$       |          | 匚  |  |   |           |         |        |         | 84       |             | Ш         |                 |                    |                              |                                   | [     |       | 134        |          | $\Box$    |          | $\Box$   | $oldsymbol{ol}}}}}}}}}}}}}}}$ | $\Box$        | $oxed{oxed}$ | $\perp$   | ]        |
|       | 35       | <u> </u>             | Ш            |          | <u> </u>   | $\sqcup \downarrow$  | $\perp$   | $\perp$   | $\perp$ |        |         | 85       | $\perp$     | Ш         | _               | $\perp$            | $\bot$                       | $\perp$                           |       |       | 135        |          |           | _        | [        | _]  |               | $\perp$      | $\perp$   | ╛        |
|       | 36       | L.                   | Ш            |          | ļ  | $\sqcup$   | 4   | _         |         |        |         | 86       | 1           | Ш         | _               | 4                  | 4-4                          | $\bot$                            |       |       | 136        | ot       | _         | $\perp$  | _        |   |               | $\perp$      | 丄   | ╝        |
|       | 37       | <u> </u>             | Ш            |          | <b>L</b>   | $\sqcup$   | +   | $\bot$    | $\perp$ |        |         | 87       | _           | $\sqcup$  |                 | 4                  | 4-4                          | $\perp \!\!\! \perp \!\!\! \perp$ |       |       | 137        | $\Box$   | 4         | _        | 4        | _   | 4             | $\perp$      | $\bot$  | 4        |
|       | 38       | $\vdash$             | Н            |          | <u> </u>   | $\vdash \vdash$  | +   | +         | $\bot$  |        |         | 88       | +           | $\sqcup$  | -               | -                  | ++                           | +                                 |       |       | 138        |          | -+        | 4        | _        | _   | $\perp$       | $\perp$      | +   | 4        |
|       | 39       | $\vdash$             | Н            |          | ⊢  | $\vdash$   | +   | +         | +       | :      |         | 89       |             | ⊢∤        | -               | +                  | ++                           | +                                 |       |       | 139        |          |           | -        | _        |   | -             | +            | +   | 4        |
|       | 40       | $\vdash$             | Н            |          | ├-   | $\vdash$   | +   | +         | +       |        |         | 90       |             | $\vdash$  | +               | +                  | ++                           |                                   |       |       | 140        | $\dashv$ | $\dashv$  | -        |          | -+  | $\dashv$      | +            | +   | 4        |
|       | 41<br>42 | $\vdash$             | Н            |          | $\vdash$   | $\vdash$   | +   | +         | +       |        |         | 91<br>92 | +           | ⊢┤        | +               | +                  | ++                           | $\dashv\dashv$                    |       |       | 141        | -        | +         | +        | -        | +   |               | +            | +-  | $\dashv$ |
|       | 42       | -                    | $\vdash$     |          | <del> </del>                                     | $\vdash$   | +   | +         |         |        |         | 93       | +-          | $\vdash$  | +               | +                  | ++                           | $+\!\!\!+\!\!\!\!+$               |       |       | 142<br>143 | $\vdash$ |           | $\dashv$ | $\dashv$ | $\dashv$  | $\dashv$      | +            | +   | $\dashv$ |
|       | 44       | -                    | Н            |          | $\vdash$   | $\vdash$   | +   | +         | -       |        |         | 94       | +           | $\vdash$  | $\dashv$        | +                  | +-+                          | +                                 |       |       | 144        | $\dashv$ | $\dashv$  | $\dashv$ | $\dashv$ | $\dashv$  | $\dashv$      | +            | +   | $\dashv$ |
|       | 45       | -                    | $\vdash$     |          | ╁  |  | +   | +         | +       |        |         | 95       | +           | $\vdash$  | $\dashv$        | +                  | +-                           | +                                 | ::::  |       | 145        | $\dashv$ | +         | $\dashv$ | $\dashv$ | $\dashv$  | $\dashv$      | +            | +   | $\dashv$ |
|       | 46       | -                    | H            | -        | $\vdash$   |  | +   | +         | +       |        |         | 96       | +           | $\vdash$  | +               | +                  | ++                           | ┽┤                                |       |       | 146        | $\vdash$ | +         | ┰        |          | -+  | +             | +            | +-  | $\dashv$ |
|       | 47       | -                    | Н            |          | $\vdash$   | $\vdash$   | +   | +         | +       |        |         | 97       | +           | Н         | $\dashv$        | +                  | +-                           | +                                 | 100   | -     | 147        | $\dashv$ | +         | $\dashv$ | $\dashv$ | $\dashv$  | $\dashv$      | +            | $\dashv$  | $\dashv$ |
|       | 48       |                      | Н            |          | $\vdash$   | $\vdash$   | $\dashv$  | +         | +       | 1.12   |         | 98       | +           | $\forall$ | 十               | +                  | +-+                          | $\dashv \dashv$                   |       |       | 148        | $\dashv$ | +         | +        | +        | $\dashv$  | +             |              | +   | $\dashv$ |
|       | 49       |                      | П            |          | Г  | $\vdash$   | $\top$  | 十         | 1       | -2     |         | 99       |             | Н         | $\dashv$        | $\top$             | +                            | +                                 | 1 - 1 |       | 149        | $\dashv$ | $\dashv$  | +        | $\dashv$ | $\dashv$  | $\dashv$      | +            | +   | ┨        |
|       | 50       |                      | П            |          |  |  | 十   | $\top$    |         | 5      |         | 100      |             | П         | 十               | $\top$             | $\top$                       | $\top$                            |       |       | 150        |          | $\dashv$  | $\dashv$ | 7        | 寸   | $\dashv$      | $\top$       | +   | ┨        |
|       | 50       |                      |              |          |  | $oldsymbol{ol}}}}}}}}}}}}}}}}}}$ |   |           |         |        |         | 100      |             |           | $\perp$         |                    |                              | لىل                               | - [   |       | 150        |          |           | $\perp$  |          |   |               |              | 丄   |          |